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OPC Unified Architecture - Part 7: Profiles (IEC 62541-7:2012)

OPC Unified Architecture - Teil 7: Profile (IEC 62541-7:2012)

Architecture unifiée OPC - Partie 7: Profils (CEI 62541-7:2012)

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EUROPEAN STANDARD
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**OPC unified architecture -
Part 7: Profiles
(IEC 62541-7:2012)**

Architecture unifiée OPC -
Partie 7: Profils
(CEI 62541-7:2012)

OPC Unified Architecture -
Teil 7: Profile
(IEC 62541-7:2012)

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Management Centre: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document 65E/242/FDIS, future edition 1 of IEC 62541-7, prepared by SC 65E "Devices and integration in enterprise systems" of IEC/TC 65 "Industrial-process measurement, control and automation" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62541-7:2012.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2013-06-04
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2015-09-04

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Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC/TR 62541-1	-	OPC unified architecture - Part 1: Overview and concepts	CLC/TR 62541-1	-
IEC/TR 62541-2	-	OPC unified architecture - Part 2: Security model	CLC/TR 62541-2	-
IEC 62541-3	-	OPC unified architecture - Part 3: Address space model	EN 62541-3	-
IEC 62541-4	-	OPC unified architecture - Part 4: Services	EN 62541-4	-
IEC 62541-5	-	OPC unified architecture - Part 5: Information model	EN 62541-5	-
IEC 62541-6	-	OPC unified architecture - Part 6: Mappings	EN 62541-6	-
IEC 62541-8	-	OPC unified architecture - Part 8: Data access	EN 62541-8	-
IEC 62541-9	-	OPC unified architecture - Part 9: Alarms and conditions	EN 62541-9	-

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NORME INTERNATIONALE



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Part 7: Profiles**

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OPC UNIFIED ARCHITECTURE –

Part 7: Profiles

FOREWORD

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International Standard IEC 62541-7 has been prepared by subcommittee 65E: Devices and integration in enterprise systems, of IEC technical committee 65: Industrial-process measurement, control and automation.

The text of this standard is based on the following documents:

FDIS	Report on voting
65E/242/FDIS	65E/267/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts of the IEC 62541 series, published under the general title *OPC unified architecture*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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INTRODUCTION

This International Standard is a specification intended for developers of OPC UA applications. The specification is a result of an analysis and design process to develop a standard interface to facilitate the development of applications by multiple vendors that inter-operate seamlessly together.

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